INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

			IIC DATES	T DOCUMENTS		
*EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER – KIND CODE (IF KNOWN)	PUBLICATION DATE MM/DD/YYYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR CLASS SUB	
AC		4,936,974	06/26/1990	Rose, et al.		
		4,959,176	09/25/2990	Slocum, et al.	_REC	EIVED
		5,585,236	12/17/1996	Bonn, et al.	DEC	9 2002
		5,624,798	04/29/1997	Yamamoto, et al.	TEGH CENT	ER 1600/2900
		5,633,129	05/27/1997	Karger, et al.		
		5,795,9 7 6	08/18/1998	Oefner, et al.		
		5,801,237	09/01/1998	Johansson		
		5,856,192	01/05/1999	Bloch		
		5,866,429	02/02/1999	Bloch		
		6,265,168	07/24/2001	Gjerde, et al.		
		6,287,822	09/11/2001	Gjerde, et al.		
		FO	REIGN PAT	ENT DOCUMENTS		
*EXAMINER INITIAL NO. (IF KNOWN) *EXAMINER NO. (IF KNOWN) *PUBLICATION DATE NAME OF PATENTEE OR APPLICANT MANUALYYYY **EXAMINER NO. (IF KNOWN) **EXAMINE		NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR CLASS SUB			
		0 270 017 A2	06/08/1998	EPC	ì	
		0 507 591 A2	10/07/1992	EPC		
		WO 91/00145	01/10/1991	PCT		
Æ		WO 97/19347	05/29/1997	PCT		
EXAMINER SIGNATURE Around Kyo. Chakroabaroh DATE CONSIDERED 5/14/03						

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 4

Complete if Known

Application Number:

09/756,070

Filing Date:

01/06/2001

First Named Inventor:

Paul D. Taylor

Art Unit:

1634

Examiner Name

GUNTER, David R.

Attorney Docket Number:

P-514

Confirmation No:

6470

ation No:

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER - KIND CODE (IF KNOWN)	PUBLICATION DATE MM/DD/YYYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSACES OR RELEVANT FIGURES APPEAR CLASS SUB		
						,	
						<u> </u>	
						出 2 3. c.	
				The state of the s		RECEI	
						TO THE	
						0/2300	
						3	
		FC	REIGN PA	TENT DOCUMENTS			,
*EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER – KIND CODE (IF KNOWN)	PUBLICATION DATE MM/DD/YYYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR CLASS SUB		т
AC		WO 00/50759	08/31/2000	PCT			
AC		WO 01/27331	04/19/2001	PCT			
				0			
From Kr. Chakrabarh 5/14/03							

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 4

Complete if Known

Application Number:

09/756,070

Filing Date:

01/06/2001

First Named Inventor:

Paul D. Taylor

Art Unit:

1634

Examiner Name

GUNTER, David R.

Attorney Docket Number:

P-514

Confirmation No:

6470

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
		Include name of the author (in CAPITAL LETTERS), Title of the item, date, page(s), volume-issue numbers, publisher, city and/or country where published			
Re		Ausserer, W., et al., BioTechniques, 19:1 pp 136-139 (1995)			
		Bio-Rad Chromatography: The History Behind UNO, pages 1 - 8 (downloaded 4/20/2000)			
		Bio-Rad Chromatography - Biochromatography Columns, Nucleotide and Oligonucleotide Separations on an UNO Q1 Ion Exchange Column, 4 pages			
		Brownlee, R.G., et al., Journal of Chromatography, 533:87-96 (1990)			
		Colpan, M., et al., Journal of Chromatography, 296:339-353 (1984)			
		Drager et al. HIGH-PERFORMANCE ANION-EXCHANGE CHROMATPGRAPHY OF OLIGONUCLEOTIDES, Analytical Biochemistry, 145:47-56 (1985)			
		Ellegren, H., et al., Journal of Chromatography, 467:217-226 (1989)			
		Eriksson et al. SEPARATION OF DNA RESTRICTION FRAGMENTS BY ION-PAIR CHROMATOGRAPHY, Journal of Chromatography, 359:265-274 (1986)			
	-	Haupt, W., et al., COMPARISON OF SEVERAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY TECHNIQUES FOR THE SEPARATION OF OLIGODEOXYNUCLEOTIDES ACCORDING TO THEIR CHAIN LENGHTS, Journal of Chromatography, 260:419-427 (1983)			
		Huber et al., A Comparison of Micropellicular Anion-Exchange and Reversed-Phase Stationary Phases for HPLC Analysis of Oligonucleotides, LC-GC 14:114-127 (1996)			
		Kato et al. SEPARATION OF DNA RESTRICTION FRAGMENTS BY HIGH-PREFORMANCE ION- EXCHANGE CHROMATOGRAPHY ON A NON-POROUS ION EXCHANGER, Journal of Chromatography, 478: 264-268 (1989)			
		Kleymenova, E., et al., APPLICATION OF HIGH PREFORMANCE LIQUID CHROMATOGRAPHY- BASED ANALYSIS OF DNA FRAGMENTS TO MOLECULAR CARCINOGENESIS, Molecular Carcinogenesis, 29:51-58 (2000)			
		Li, J., et al., NOVEL POLYMERIC RESINS FOR ANION-EXCHANGE CHROMATOGRAPHY, Journal of Chromatography A, 793:231-238 (1998)			
		Lloyd et al., ANALYSIS OF DNA AND DEGRADATION PRODUCTS USING A POLYMERIC STRONG ANION EXCHANGER, 8th International Symposium of HPLC of Proteins, Peptides and Polynucleotides Copenhagen, Denmark, 10/31-11/2 (1988)			
		Lloyd, L., et al., OLIGONUCLEOTIDE ANALYSIS BY ANION EXCHANGE HPLC, Bioseparation, 2:207-215 (1991)			
Ae	1	Maa et al, RAPID HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY OF NCLEIC ACIDS WITH POLYSTYRENE-BASED MICROPELLICULAR ANION EXCHANGERS, Journal of Chromatography, 508:61-73 (1990)			
Examiner	Hou	u kyr. Chakyonlearch DATE CONSIDERED 5/14/03			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 4

Complete if Known

Application Number:

09/756,070

Filing Date:

01/06/2001

First Named Inventor:

Paul D. Taylor

Art Unit:

1634

Examiner Name

GUNTER, David R.

Attorney Docket Number:

P-514

Confirmation No:

6470

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
*EXAMINER INITIAL	CITTE NO.	Include name of the author (in CAPITAL LETTERS), Title of the item, date, page(s), volume-issue numbers, publisher, city and/or country where published		
Re		McLaughlin, L.W., et al., MIXED-MODE CHROMATOGRAPHY OF NUCLEIC ACIDS, Chem. Rev. 89:309-319 (1989)		
	,	Mhatre et al., INTERFACING GRADIENT ELUTION ION-EXCHANGE CHROMATOGRAPHY (IEC) AND LOW ANGLE LASER LIGHT SCATTERING PHOTOMETRY (LALLS) FOR ANALYSIS OF PROTEINS, J. Chromatography, Submitted for Publication July, 1991		
		Ohmiya, Y., et al., SEPARATION OF DNA FRAGMENTS BY HIGH-RESOLUTION ION-EXCHANGE CHROMATOGRAPHY ON A NONPOROUS QA COLUMN, Analytical Biochemistry, 189:126-130 (1990)		
		Scholten, A., et al., Journal of Chromatography, 218:3-13 (1981)		
		Van Vliet, H.P., et al., Journal of Chromatography, 363:187-198 (1986) DFC 1 9 2002		
AC		Weber, A.J., et al., Anal. Chem., 59:1452-1457 (1987) TECH CENTER 1600/2900		
EXAMINER	A	own kro. Charlosaloaxii 5/14/03		